



**United States Environmental Protection Agency  
Region 9 Laboratory**

1337 S. 46th Street Building 201  
Richmond, CA 94804

**Date:** 3/2/2012

**Subject:** Analytical Testing Results - Project R12S51  
SDG: 12040D

**From:** Brenda Bettencourt, Director  
EPA Region 9 Laboratory  
MTS-2

**To:** Christopher Weden  
Emergency Response Section  
SFD-9-2

Attached are the results from the analysis of samples from the **Grey Eagle Mine February 2012 Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

**Analyses included in this report:**

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Total Dissolved Solids



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Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Christopher Weden

**Project Number:** R12S51

**Project:** Grey Eagle Mine February 2012 Sampling

**Emergency Response Section**

**75 Hawthorne Street**

**San Francisco CA, 94105**

**SDG:** 12040D

**Reported:** 03/02/12 14:06

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
GE2-SW-10	1202028-01	Water	02/08/12 17:00	02/09/12 15:07
GE2-SW-11	1202028-03	Water	02/08/12 16:15	02/09/12 15:07
GE2-SW-12	1202028-05	Water	02/08/12 16:30	02/09/12 15:07
GE2-SE-01	1202028-07	Water	02/08/12 13:05	02/09/12 15:07
GE2-SE-02	1202028-09	Water	02/08/12 13:20	02/09/12 15:07
GE2-SE-802	1202028-11	Water	02/08/12 13:25	02/09/12 15:07
GE2-SE-03	1202028-13	Water	02/08/12 11:30	02/09/12 15:07

**SDG ID 12040D**

**Work Order(s)**

**1202028**



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<b>Project Manager:</b> Christopher Weden <b>Project Number:</b> R12S51 <b>Project:</b> Grey Eagle Mine February 2012 Sampling	<b>Emergency Response Section</b> 75 Hawthorne Street San Francisco CA, 94105	<b>SDG:</b> 12040D <b>Reported:</b> 03/02/12 14:06
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## Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID: 1202028-01</b>						<b>Water - Sampled: 02/08/12 17:00</b>			
<b>Sample ID: GE2-SW-10</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		150		20	mg/L	B2B0059	02/13/12	02/13/12	2540C/SOP461
<b>Lab ID: 1202028-03</b>						<b>Water - Sampled: 02/08/12 16:15</b>			
<b>Sample ID: GE2-SW-11</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		650		20	mg/L	B2B0059	02/13/12	02/13/12	2540C/SOP461
<b>Lab ID: 1202028-05</b>						<b>Water - Sampled: 02/08/12 16:30</b>			
<b>Sample ID: GE2-SW-12</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		70		20	mg/L	B2B0059	02/13/12	02/13/12	2540C/SOP461
<b>Lab ID: 1202028-07</b>						<b>Water - Sampled: 02/08/12 13:05</b>			
<b>Sample ID: GE2-SE-01</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		79		20	mg/L	B2B0059	02/13/12	02/13/12	2540C/SOP461
<b>Lab ID: 1202028-09</b>						<b>Water - Sampled: 02/08/12 13:20</b>			
<b>Sample ID: GE2-SE-02</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		7,500		20	mg/L	B2B0079	02/14/12	02/14/12	2540C/SOP461
<b>Lab ID: 1202028-11</b>						<b>Water - Sampled: 02/08/12 13:25</b>			
<b>Sample ID: GE2-SE-802</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		7,600		20	mg/L	B2B0079	02/14/12	02/14/12	2540C/SOP461
<b>Lab ID: 1202028-13</b>						<b>Water - Sampled: 02/08/12 11:30</b>			
<b>Sample ID: GE2-SE-03</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>			
Total Dissolved Solids		2,400		20	mg/L	B2B0079	02/14/12	02/14/12	2540C/SOP461

## Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch B2B0059 - - General Biology - Solids, Total Dissolved</b>						<b>Prepared &amp; Analyzed: 02/13/12</b>				
<b>Blank (B2B0059-BLK1)</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control</b>				
Total Dissolved Solids	ND	U		20 mg/L						
<b>Duplicate (B2B0059-DUP1)</b>						<b>Source: 1202027-09</b>				
Total Dissolved Solids	90			20 mg/L		92			2	5
<b>Reference (B2B0059-SRM1)</b>										
Total Dissolved Solids	860			mg/L	844		101	85-115		
<b>Batch B2B0079 - - General Biology - Solids, Total Dissolved</b>						<b>Prepared &amp; Analyzed: 02/14/12</b>				
<b>Blank (B2B0079-BLK1)</b>						<b>Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control</b>				
Total Dissolved Solids	ND	U		20 mg/L						
<b>Duplicate (B2B0079-DUP1)</b>						<b>Source: 1202028-13</b>				
Total Dissolved Solids	2,400			20 mg/L		2,400			0.3	5
<b>Reference (B2B0079-SRM1)</b>										
Total Dissolved Solids	840			mg/L	844		100	85-115		



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**Qualifiers and Comments**

J The reported result for this analyte should be considered an estimated value.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.